

Audiogram of the tree shrew (*Tupaia glis*)

Data from: Heffner, H.E., Ravizza, R.J., and Masterton, B.(1969) Hearing in primitive mammals, III: Tree shrew. *Journal of Auditory Research*, 9, 12-18.

Absolute thresholds (in dB re 20 $\mu\text{N}/\text{m}^2$) for four tree shrews (A and B are individual animals tested using a conditioned suppression procedure, C is the mean of two animals tested using a grill-box avoidance procedure. The mean is equally weighted for the four animals.)

Frequency (in kHz)	Individual Thresholds (in dB)			Average
	A	B	C	
.125	—	—	57	57
.250	54	48	49	50
.500	24	28	33	29.5
1	26	32	22	27.5
2	21	16	12	15
4	17	13	4	9.5
8	8	16	-1	5.5
16	-13	-8	0	-5
32	4	8	8	7
60	64	60	—	62

Lowest and highest frequencies audible at sound pressure levels (SPL) ranging from 30 to 70 dB SPL

SPL (in dB)	Lowest audible frequency (in kHz)	Highest audible frequency (in kHz)
70	—	—
60	.110	60
50	.250	52
40	.350	46
30	.500	40

Additional Parameters:

Body weight = 125 g

Functional interaural distance= 136 μs

(Time required for sound to travel around the head from one auditory meatus to the other.)

Comments: Threshold values taken from original data.